

In the application of: Hillel Hendler

COMMUNICATION RECEIVER WITH For:

SIGNAL PROCESSING FOR BEAM

FORMING AND ANTENNA

DIVERSITY

Serial No. 09/809,562

Filed: March 14, 2001

Examiner: Not yet assigned

Group Art Unit: Not yet

assigned

Group 2600

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Washington, D.C. 20231

Sir:

Applicant submits herewith patents, publications or other information (listed on the attached Form PTO/SB/08A) of which Applicant is aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. The majority of these references were cited in communications from a foreign patent office in counterpart foreign applications more than three months prior to the filing of this Information Disclosure Statement, but prior to receipt of the first Office Action on the merits of the subject application.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in this statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

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In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

No fee is believed to be due, however, the Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR § 1.16 or §1.17 to Deposit Account No. 03-3821, referencing Attorney Docket No. 23600.01901. A duplicate sheet is attached.

Respectfully submitted,

Crosby, Heafey, Roach & May Professional Corporation

Dated: December 3, 2001

Name: John W. Carpenter Registration No. 39,129 Attorneys for Applicants

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CERTIFICATE OF MAILING - 37 C.F.R. § 1.08

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on December 3, 2001.

December 3, 2001

Date

Sandy Clayton

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Application Number Complete if known 09/809,562 Filing Date March 14, 2001 group First Named Inventor Hillel Hendler **Group Art Unit** Not Assigned **Examiner Name** Not Assigned 2600 **Attorney Docket Number** 23600.01901

	-		U.	S. PATENT DOCUMENT	S	
Examin	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where
er Initials •	No.¹	Number	Kind Code ² (if known)	Of Cited Document	Cited Document MM- DD-YYYY	Relevant Passages or Relevant Figures Appear
	A1	4,010,465		Dodington, et al	03/01/1977	
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	B1	EP	0021 544 A1		Nuhoff	01/07/1981		
	B2	EP	0025 767 A1		Gregoire et al.	03/25/1981		1
	В3	CA	2,187,141		Vallee et al.	04/04/1998		

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	т⁵			
	C1	Golestani, S. (1995) "Network Delay Analysis of a Class of Fair Queueing Algorithms", <i>IEEE Journal on Selected Areas in Communication</i> 13(6):1057-1070				
,	C2	Stiliadis, D. et al. (1998) "Rate-Proportional Servers: A Design Methodology for Fair Queueing Algorithms", IEEE/ACM Transactions of Networking 6(2):164-174				
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	C4	Data Over Cable Interface Specifications, Cable Modem Termination System- Network Side Interface Specification, SP-CMTS-NSII01-960702 (July 2, 1996) pp. i-13				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCEOSURE STATEMENT BY APPLICANT

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Application Number	09/809,562		٤
Filing Date	March 14, 2001	6	
First Named Inventor	Hillel Hendler	-5	
Group Art Unit	Not Assigned	73	4
Examiner Name	Not Assigned	9	2
Attorney Docket Number	23600.01901	F	70

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	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T⁵			
	C5	Data-Over-Cable Service Interface Specifications, Cable Modem to Customer				
		Premise Equipment Interface Specification. SP-CMC1-102-980317 (March 17, 1998) pp. i-40				
	C6	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface Specification, SP-RFI-I04-980724 (July 24, 1998) pp. i-196				
	C7	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSI-102-990113 (January 13, 1999) pp. i-14				
	C8	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification Radio Frequency Interface, SP-OSSI-RFI-103-990113 (January 13, 1999) pp. i-29				

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Application Number	09/809,562	G			
Filing Date	March 14, 2001	Ø			
First Named Inventor	Hillel Hendler	F			
Group Art Unit	Not Assigned	N.S			
Examiner Name	Not Assigned				
Attorney Docket Number	23600.01901	6			

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Examin er Initials	Cite No.¹	Number	nt Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Reievant Passages or Relevant Figures Appear			
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	10
	C9	Data-Over-Cable Service Interface Specifications, Baseline Privacy Interface	
		Specification, SP-BPI-102-990319 (March 19, 1999) pp. i-88	
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INFORMATION DISCLOSURES STATEMENT BY APPLICANT

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Application Number 09/809,562			M			
Filing Date	March 14, 2001	Q				
First Named Inventor	Hillel Hendler	ਰੋਂ	7 =			
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Examiner Name	Not Assigned	30	007			
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Examin	Cite	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where
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Examiner Initials*	Cite No.¹	Office ³	Foreign Patent Docu Number ⁴	Kind Code ⁶	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Tø
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_	C11	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface				
		Specification, SP-RFIv1.1-I03-991105 (November 5, 1999) pp. i-366				
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	C13	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSIv1.1-103-001220 (December 20, 2000) p. ii				

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Examiner	Date	
Signature	Consid	ered

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